

# Safety Data Sheet: PREMALUBE RED

Supersedes Date: 05/30/2018

Issuing Date: 01/04/2022

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** PREMALUBE RED  
**Recommended use** Grease  
**Information on Manufacturer**  
CHEMSEARCH DIV. OF NCH CORP.  
BOX 152170  
IRVING, TX 75015

**Product Code:** 4566  
**Chemical nature** Polymer suspension (as an emulsion)  
**Emergency Telephone**  
CHEMTREC® 800-424-9300  
**Telephone inquiry**  
972-579-2477

## 2. HAZARD IDENTIFICATION

**Color** Red

**Physical state** Grease

**Odor** Oily

### GHS

#### Classification

Physical Hazards  
None

Health Hazard  
Skin sensitization

Category 1A

Other hazards  
None

#### Labeling

Signal Word

**WARNING**



#### Hazard statements

H317 - May cause an allergic skin reaction

#### Precautionary Statements

P280 - Wear protective gloves, protective clothing and eye protection.  
P261 - Avoid breathing mist  
P272 - Contaminated work clothing should not be allowed out of the workplace  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
P333 + P313 - If skin irritation or rash occurs, get medical attention  
P362 - Take off contaminated clothing and wash before reuse.  
P501 - Dispose of contents and container in accordance with applicable regulations

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
2,5-Bis(octylidithio)-1,3,4-thiadiazole	13539-13-4	0.1-1.0

\*The exact percentage (concentration) of composition has been withheld as a trade secret

## 4. FIRST AID MEASURES

#### General advice

Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist, or gas.

#### Eye Contact

No hazards which require special first aid measures.

#### Skin Contact

Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention immediately if irritation develops and persists. Wash contaminated clothing before re-use.

#### Inhalation

No hazards which require special first aid measures.

#### Ingestion

No hazards which require special first aid measures.

#### Notes to physician

Treat symptomatically. May cause sensitization of susceptible persons.

## 5. FIRE-FIGHTING MEASURES

<b>Flash Point</b> 450 °F / 232 °C	<b>Method</b> Tag closed cup	
<b>Flammability Limits in Air %:</b> Not applicable.	<b>Upper:</b> No data available	<b>Lower:</b> No data available
<b>Suitable Extinguishing Media</b>		
Foam, Water spray, Carbon dioxide (CO <sub>2</sub> ), Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.		
<b>Specific hazards arising from the chemical</b>		
Material can create slippery conditions.		
<b>Protective Equipment and Precautions for Firefighters</b>		
As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.		
<b>NFPA</b>	<b>Health</b> 2	<b>Flammability</b> 1
<b>HMIS -</b>	<b>Health</b> 2	<b>Flammability</b> 1
		<b>Instability</b> 0
		<b>Physical Hazard</b> 0

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Materials can create slippery conditions.
<b>Environmental precautions</b>	Do not flush into surface water or sanitary sewer system.
<b>Methods for Containment</b>	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
<b>Methods for Cleaning Up</b>	Pick up and transfer to properly labeled containers.
<b>Neutralizing Agent</b>	Not applicable.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with skin, eyes and clothing. Avoid breathing mist.			
<b>Storage</b>	Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.			
<b>Storage Temperature</b>	<b>Minimum</b>	0 °F / -18 °C	<b>Maximum</b>	120 °F / 49 °C
<b>Storage Conditions</b>	<b>Indoor</b>	X	<b>Outdoor</b>	<b>Heated</b> <b>Refrigerated</b>

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Guidelines</b>	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	Safety glasses with side-shields.
<b>Skin Protection</b>	Wear suitable protective clothing, Impervious gloves.
<b>Respiratory Protection</b>	In case of insufficient ventilation wear suitable respiratory equipment.
<b>General Hygiene Considerations</b>	Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Grease	<b>Viscosity</b>	Semi-Solid
<b>Color</b>	Red	<b>Odor</b>	Oily
<b>Odor Threshold</b>	Not applicable	<b>Appearance</b>	Transparent
<b>pH</b>	Not applicable	<b>Specific Gravity</b>	0.908
<b>Evaporation Rate</b>	No data available	<b>Percent Volatile (Volume)</b>	0.02
<b>VOC Content (%)</b>	0.02	<b>VOC Content (g/L)</b>	0.18
<b>Vapor pressure</b>	0.42 mmHg @ 70°F	<b>Vapor Density</b>	5.6 (Air = 1,0)
<b>Solubility</b>	Negligible	<b>n-Octanol/Water Partition</b>	No data available
<b>Melting Point/Range</b>	No data available	<b>Decomposition Temperature</b>	No data available
<b>Boiling Point/Range</b>	> 450 °F / > 232 °C	<b>Flammability (solid, gas)</b>	No data available
<b>Flash Point</b>	450 °F / 232 °C	<b>Method</b>	Tag closed cup
<b>Autoignition Temperature</b>	No information available.		
<b>Flammability Limits in Air %:</b>	Not applicable	<b>Upper:</b> No data available	<b>Lower:</b> No data available

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable. Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	Keep away from open flames, hot surfaces, and sources of ignition, Protect from direct sunlight and extremes of temperatures.
<b>Incompatible Products</b>	Strong oxidizing agents, Reducing agents, Strong acids, Bases.
<b>Decomposition Temperature</b>	No data available
<b>Hazardous Decomposition Products</b>	Carbon oxides, Nitrogen oxides (NO <sub>x</sub> ), Sulfur oxides, Metal

**Possibility of Hazardous Reactions**

oxides, Sodium oxides, Aldehydes, Amines, Phenols.  
None under normal processing.

### 11. TOXICOLOGICAL INFORMATION

**Product Information** No information available.

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50 No information available

Dermal LD50 No information available

Inhalation LC50

Gas No information available

Mist No information available

Vapor No information available

**Principle Route of Exposure** Skin contact, Eye contact.

**Primary Routes of Entry** None known.

**Acute Effects:**

Eyes Low hazard for usual industrial or commercial handling.

Skin May cause allergic skin reaction.

Inhalation Low hazard for usual industrial or commercial handling.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Chronic Toxicity** May cause skin sensitization in some individuals.

**Target Organ Effects:** Immune system.

**Aggravated Medical Conditions** Skin disorders.

**Component Information**

**Acute Toxicity** No information available.

**Chronic Toxicity**

Chemical name	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
2,5-Bis(octylidithio)-1,3,4-thiadiazole 13539-13-4	No data available	Skin Sensitization	No data available	No data available	Immune system

**Carcinogenicity** There are no known carcinogens in this product.

### 12. ECOLOGICAL INFORMATION

**Product Information**

Toxicity to fish 10 - 100 mg/L 96h	Daphnia magna (Water flea) 10 - 100 mg/L 48 h
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**Additional Ecological Information:** No information available

**Component Information** No information available.

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

**Mobility** No information available.

### 13. DISPOSAL CONSIDERATIONS

**Product Disposal** Dispose of in accordance with local regulations.

**Container Disposal** Empty containers should be taken for local recycling, recovery, or waste disposal.

### 14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

**15. REGULATORY INFORMATION****Inventories****TSCA**

Listed

**DSL / NDSL**

One or more components are not listed

**NOTE:**

One or more components are listed on the NDSL.

This product contains the following component that is not on the Canadian DSL nor NDSL lists.  
NSN#20662**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical name	CAS No.	Weight-%	SARA 313 - Threshold Values
Barium dinonylnaphthalene sulfonate	25619-56-1	0.1-1.0	1.0

**SARA 311/312 Hazardous Categorization**

See Section 2

**CERCLA**

None

**U.S. State Regulations****California Proposition 65**This product can expose you to chemicals including those listed in the table below, which is [are] known to the State of California to cause either cancer and/or birth defects or other reproductive harm, (as indicated next to the chemical of concern). For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Chemical name	CAS No.	California Prop. 65
Ethyl benzene	100-41-4	carcinogen

**16. OTHER INFORMATION****Prepared By**

Pamela Starkey

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05/30/2018

**Issuing Date:**

01/04/2022

**Reason for Revision**

No information available.

**Glossary**

No information available.

**List of References.**

No information available.

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